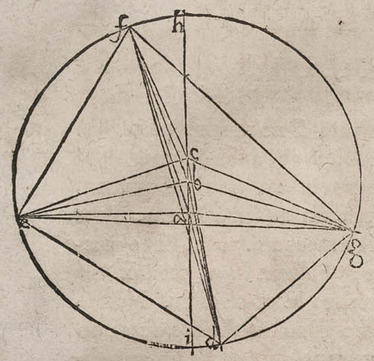

CAPVT XVIII.

Examen duodecim locorum acronychiorum per inventam hypothesin.

VTAR autem ea calculi forma, quam supra cap. IV explicavi quod sit compendiosior. Certum autem est in COPERNICANA seu TYCHONICA forma non sesquiscrupulum (imo minus aliquid) vel lucratum vel perditū iri, ut ibidem monui.

	Anno 1580	Anno 1582	Anno 1585	Anno 1587	Anno 1589
Aphel. anno 1587	☉ 28.48.55. ♌	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.
Movetur annis intermediis	6.42.	4.28	2.14	0.	2.15.
Aphel. anno supra-scripto	4. 28.42.13.	4.28.44.27.	4.28.46.41.	4.28.48.55.	4.28.51.10.
Longitudo media	1. 25.49.31.	3. 9.24.55.	4.20. 8.19.	6. 0.47.40.	7.14.18.26.
Adde	3.55.	3.55.	3.55.	3.55.	3.55.
Correcta long. med	1. 25.53.26.	3. 9.28.50.	4.20.12.14.	6. 0.51.35.	7.14.22.21.
Ergo angulus C	87.11.13.	49.18.37.	8.14.27.	32. 2.40.	75.31.11.
Sinus	99880	75767	7232	7232	
Eccētricitas aquantis.	7232	7232	14909	53058	96833
	65088	50624	07232	36160	65088
	6509	3616	2893	2169	4339
	579	506	651	36	578
	58	43	6	6	14
		5			2
	7223	5479	1078	3837	7002
Pars æquation.	4. 8.33.	3. 8.26.	0.37. 4.	2.11.57.	4. 0.55.
	91.19.46.				
Angulus B	88.40.14.	46. 7.11.	7.57.23.	29.50.43.	71.30.16.
Dimid.	44.20. 7.	23. 3.36.	3.58.42.	14.55.21.	35.45. 8.
Tangent.	97706	79643	79643	79643	72002
Quotiens qui prodit ex divisione differentiæ laterum in Summam	79643	42572	6955	26650	557501
	7167787	318572	47786	159286	15929
	58750	15929	7168	47786	06
	5575	3982	398	4779	
	48	507	40	398	
		16			
Tangent.	778160	33906	5539	21225	57349
	37.53.22.	18.43.47.	3.10.13.	11.59. 0.	29.49.54.
	44.20. 7.	23. 3.36.	3.58.42	14.55.21.	35.45. 8.
Ang. ad A	82.13.29.	41.47.23.	7. 8.55.	26.54.21.	65.35. 2.
Aphelium	148.42.13.	148.44.27.	148.46.41.	148.48.55.	148.51.10.
Locus & in	6.28.44. ♊	16.57.4. ♋	21.37.46.♌	25.43.16.♍	4.26.12.♎
Debet	6.28.35.	16.55.20.	21.36.10.	25.43. 0.	4. 24. 0.
Different.	0.9.	1.34.	1.36	0.16.	2.12.

	Anno 1591	Anno 1593	Anno 1595	Anno 1597	Anno 1600	Anno 1602	Anno 1604.
	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.	☉ 4.28.48.55.
	4.32.	6.48.	9.14.	11.30.	13.43.	15.56.	18.11.
	4.28.53.27.	4.28.55.43.	4.28.58. 9.	4.29. 0.25.	4.29. 2.38.	4.29. 4.51.	4.29. 7. 6.
	9. 5.43.55.	11. 9.55. 4.	1. 7.14. 9.	2.23.11.56.	4. 4.35.50.	5.14.59.37.	6.27. 0.12.
	3.55.	3.55.	3.53.	3.55.	3.55.	3.55.	3.55.
	9. 5.47.50.	11. 9.58.59.	1. 7.18. 4.	2.23.15.51.	4. 4.39.45.	5.15. 3.32.	6.27. 4. 7.
	126.54.23.	11. 3.16.	111.40. 5.	65.44.34.	24.22.53.	15.58.41.	57.57. 1.
	53. 5.37.		68.19.55.				
	79961	19174	92934	91171	41280	27528	84759
	50624	07232	65088	65088	28928	14464	57856
	6509	6509	1446	0723	0723	5062	2893
	651	072	651	072	145	362	506
	43	51	22	51	58	14	36
	1	3	3	1		6	4 1/2
	5783	1387	6721	6593	2985	1991	6130
	3.18.55.	0.47.42.	3.51.14.	3.46.50.	1.42.40.	1. 8.26.	3.30.52.
	123.35.28.	11.50.58.	107.48.51.	61.57.44.	22.40.13.	14.50.15.	54.26. 9.
	61.47.44.	168. 9. 2.	53.54.26.	30.58.52.	11.20. 6.	7.25. 8.	27.13. 5.
	186464	84. 4.31.	137171	60045	20046	13021	51433
		963600					
	0796430	7167870	0796430	477858	159286	079643	398215
	637144	477858	238929	00318	319	23893	07964
	47786	23893	55750	40	48	159	3186
	3186	4779	0796			08	239
	478		557				24
	32		08				
	148506	767440	109247	47822	15965	10370	409628
	56. 2.40.	82.34.30.	47.31.49.	25.33.30.	9. 4.14.	5.55.14.	22.16.32.
	61.47.44.	84. 4.31.	53.54.26.	30.58.52.	11.20. 6.	7.25. 8.	27.13. 5.
	117.50.24.	166. 39. 1.	101.26.15.	56.32.22.	20.24.20.	13.20.22.	49.29.37.
	148.53.27.	148.55.43.	148.58. 9.	149. 0.25.	149. 2.38.	149. 4.51.	149. 7. 6.
	26.43.51.♑	12.16.41.♓	17.31.54.♈	2.28.3.♉	8.38.18.♌	12.25.13.♍	18.36.43.♎
deb.	26.43.0.	12.16. 0.	17.31.40.	2.28. 0.	8.38. 0.	12.27. 0.	18.37.10.
Diff.	0.51.	0.42.	0.14.	0.3.	0.18.	1.47.	0.27.

VIDES igitur, studiose lector, hypothesin hanc METHODO superiori investigatam, non tantum fundamenta sua quatuor vicissim per calculum restituere, sed etiam reliquas omnes observationes intra duo scrupula tenere; quam quidem magnitudinem semper stella hæc in acronychio situ amplitudine corporis occupat & excedit. Quo argumento cognoscitur, si quis superiorem METHODVM repetat assumptis